



BORING WVS-110911-VAS01

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Environmental Protection Agency
West Vermont Street
Speedway, Indiana
W.O. # 20405.012.001.1624.00

Location: : Speedway, IN
Start Date: : 11/9/11
End Date: : 11/9/11
Drilling Method: : Sonic
Subcontractor: : WDC

Driller: : Russ Gordon
Geologist: : Brett Coulter

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	MW-WES-01:	Recovery	PID (ppm)	Sample	REMARKS
0			Air Knife	0				
5								
10			SANDY GRAVEL: Light Brown to Tan, Fine to Coarse Grained with Gravel and Cobbles, Little Silt and Clay, Dry, No Odor		75%	0.0		
15	SW				75%	0.0		
20	SC		SANDY CLAY: Light Brown to Tan, Fine to Coarse Grained with Gravel and Cobbles, Little Clay, Dry, No Odor		75%	0.0		
25			SANDY GRAVEL: Brown, Fine to Coarse Grained with Gravel and Cobbles, Trace Silt, Wet, No Odor		85%	0.0	1	VAS-1-01 from 25-30' BGS
30	SW				95%	0.0		
35				32.5	95%	0.0	2	VAS-1-02 from 32.5-37.5' BGS MW-WES-01A Installed
40	CL		CLAY: Gray, Firm, Medium to High Plasticity, Some Sand and Trace Angular Gravel, Dry, No Odor	37.5	95%	0.0		
				40				

Hole Diameter: 8 inches
Sampling Method: Continuous
Drill Rig: Sonic

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BORING WVS-111011-VAS02

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Environmental Protection Agency
West Vermont Street
Speedway, Indiana
W.O. # 20405.012.001.1624.00

Location: : Speedway, IN
Start Date: : 11/10/11
End Date: : 11/11/11
Drilling Method: : Sonic
Subcontractor: : WDC

Driller: : Russ Gordon
Geologist: : Brett Coulter

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	MW-WES-02:	Recovery	PID (ppm)	Sample	REMARKS
0			Air Knife	0				
5								
10	SW		SANDY GRAVEL: Light Brown, Fine to Coarse Grained Sand and Gravel, Trace Silt, Fine to Coarse Grained Sub-Rounded Gravel, Dry, No Odor		80%	0.0		
15	SC		SANDY CLAY: Light Brown, Medium to Coarse Grained Sand and Gravel, Cobbles, Little to Some Clay, Dense, Dry, No Odor		65%	0.0		
20	ML		SILT: Light Tan, Very Fine Sandy Silt, Dry, No Odor					
25	SP		SAND: Light Brown, Medium Grained Sand, Moist, No Odor		95%	0.0		
30	SW		SANDY GRAVEL: Brown, Medium to Coarse Grained Sand and Gravel with Some Cobbles, Rounded to Sub-Rounded Gravel, Wet, No Odor		95%	0.0		
35	SC		SANDY CLAY: Brown Sand and Gravel with Some Clay		90%	0.0	1	MW-WES-02A Installed from 24-29' BGS VAS-2-01 from 25-30' BGS
40	SW		SANDY GRAVEL: Brown, Fine to Coarse Grained Sand and Gravel, Trace Silt, Loose, Wet, No Odor		95%	0.0		
40	CL		CLAY: Gray, Dense Silty Clay with Sand and Gravel, Medium to High Plasticity, Moist, No Odor (Till)		95%	0.0	2	VAS-2-02 from 35-40' BGS MW-WES-02B Installed

Hole Diameter: 8 inches
Sampling Method: Continuous
Drill Rig: Sonic

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BORING WVS-111411-VAS03

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Environmental Protection Agency
West Vermont Street
Speedway, Indiana
W.O. # 20405.012.001.1624.00

Location: : Speedway, IN
Start Date: : 11/14/11
End Date: : 11/15/11
Drilling Method: : Sonic
Subcontractor: : WDC

Driller: : Russ Gordon
Geologist: : Brett Coulter

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	MW-WES-03:	Recovery	PID (ppm)	Sample	REMARKS
0			Air Knife	0				
5								
10	SM		SILTY SAND: Tan, with Sub-Rounded gravel, Fine to Medium Grained sand and Fine to Coarse Grained Gravel, Dry, No Odor		95%	0.0		
15	ML		SILT: Brown to Gray, Medium to High Plasticity with Sand and Rounded to Sub-Rounded Gravel, Moist, No Odor (Till)		95%	0.0		
20			SANDY GRAVEL: Brown, Fine to Coarse Grained Sand with Fine Sub-Rounded Gravel, Moist, No Odor					
25			Wet, No Odor		95%	0.0		
30	SW		SANDY GRAVEL: Brown, Fine to Coarse Grained Sand with Fine Sub-Rounded Gravel, Wet, No Odor		95%	0.0		
35								
40			SANDY GRAVEL: Brown, Fine to Coarse Grained Sand with Fine Sub-Rounded Gravel, Wet, No Odor		95%	0.0		
45	CL		SANDY GRAVEL: Brown, Fine to Coarse Grained Sand with Fine Sub-Rounded Gravel, Wet, No Odor		95%	0.0	2	VAS-3-02 from 40-45' BGS MW-WES-03B Installed

Hole Diameter: 8 inches
Sampling Method: Continuous
Drill Rig: Sonic

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BORING WVS-111511-VAS04

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Environmental Protection Agency
West Vermont Street
Speedway, Indiana
W.O. # 20405.012.001.1624.00

Location: : Speedway, IN
Start Date: : 11/15/11
End Date: : 11/16/11
Drilling Method: : Sonic
Subcontractor: : WDC

Driller: : Russ Gordon
Geologist: : Brett Coulter

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	MW-WES-04:	Recovery	PID (ppm)	Sample	REMARKS
0			Air Knife	0				
5								
10								
15	SM		SILTY SAND: Light Tan, Silty Sand and Gravel with Trace Cobbles, Sub-Rounded Gravel, Dry, No Odor		65%	0.0		
20	ML		SILT: Tan, Sandy Silt with Little Gravel and Trace Cobbles, Rounded to Sub-Rounded, Dry, No Odor		75%	0.0		
25			SANDY GRAVEL: Brown, Fine to Coarse Grained Sand and Gravel, Rounded to Sub-Rounded Gravel, Well Sorted, Wet, No Odor		75%	0.0		
30	SW		SANDY GRAVEL: Brown, Fine to Coarse Grained Sand and Gravel, Rounded to Sub-Rounded Gravel, Well Sorted, Wet, No Odor		75%	0.0	1	VAS-4-01 from 25-30' BGS MW-WES-04A Installed
35	CL		CLAY: Gray, Silty Clay with Coarse Sand and Little Gravel, Medium to High Plasticity, Moist, No Odor (Till)		80%	0.0		
40	SP		SAND: Gray, Fine to Medium Grained, Poorly Graded, Wet, No Odor		80%	0.0		
43	CL		CLAY: Silty Clay with Trace Coarse Sand and Trace Cobbles, Moist, No Odor (Till)		80%	0.0	2	VAS-4-02 from 39-44' BGS MW-WES-04B Installed
44								

Hole Diameter: 8 inches
Sampling Method: Continuous
Drill Rig: Sonic

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BORING WVS-111611-VAS05

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Environmental Protection Agency
West Vermont Street
Speedway, Indiana
W.O. # 20405.012.001.1624.00

Location: : Speedway, IN
Start Date: : 11/16/11
End Date: : 11/16/11
Drilling Method: : Sonic
Subcontractor: : WDC

Driller: : Russ Gordon
Geologist: : Brett Coulter

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	MW-WES-05:	Recovery	PID (ppm)	Sample	REMARKS
0			Air Knife	0				
5	SC		SANDY CLAY: Brown, Sandy Clay with Rounded to Sub-Rounded Gravel, Moist, No Odor			0.0		
10			SANDY GRAVEL: Brown, Medium to Coarse Grained Sand, Fine to Coarse Gravel, Well Graded, Moist, No Odor		70%	0.0		
15			SANDY GRAVEL: Brown, Medium to Coarse Grained Sand, Fine to Coarse Gravel, Well Graded, Moist, No Odor		60%	0.0		
20	SW		SANDY GRAVEL: Brown, Medium to Coarse Grained Sand, Fine to Coarse Gravel, Well Graded, Moist, No Odor	20	40%	0.0	1	VAS-5-01 from 20-25' BGS MW-WES-05A Installed
25			SANDY GRAVEL: Brown, Medium to Coarse Grained Sand, and Gravel, Well Graded, Wet, No Odor	25	80%	0.0		
30					90%	0.0	2	VAS-5-02 from 32.5-37.5' BGS MW-WES-05B Installed
35	SP		SAND: Brown, Fine Sand, Poorly Graded, Wet, No Odor	32.5	95%	0.0		
40	CL		CLAY: Gray, Silty Clay with Little Sand and Rounded to Sub-Rounded Gravel, Medium to High Plasticity, Moist, No Odor	37.5				

Hole Diameter: 8 inches
Sampling Method: Continuous
Drill Rig: Sonic

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